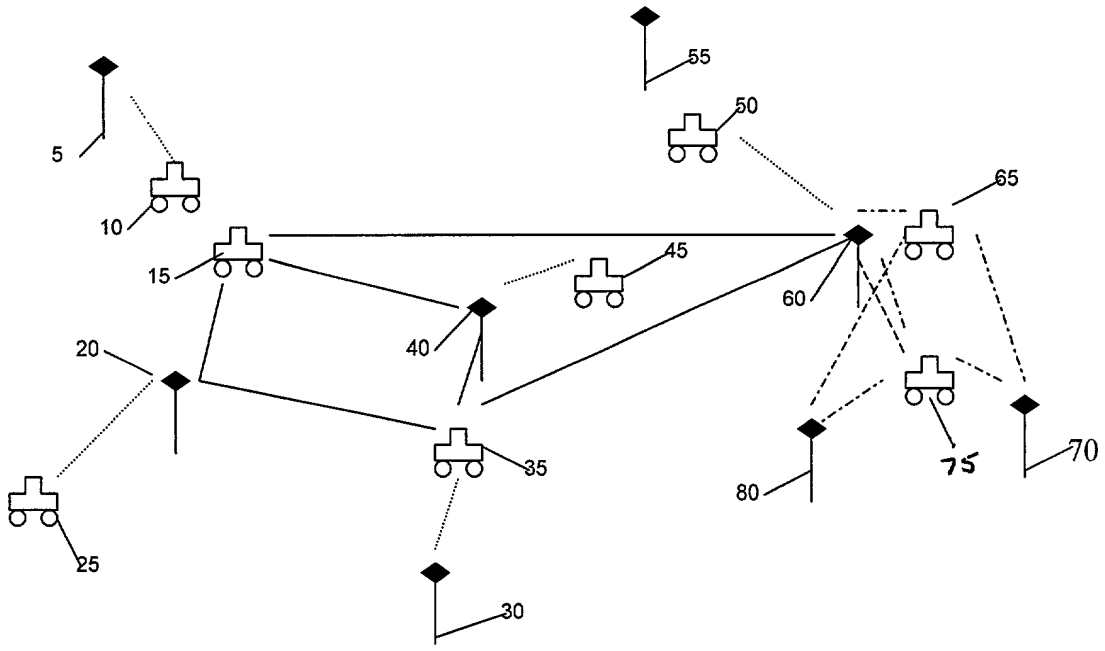

Fig. 1

1 frame

base 1	control into	X	simulcast	2-way	2-way
base 2	X	control	simulcast	2-way	2-way
"					
"					
"					
base N	control	X	simulcast	2-way	2-way

time

Fig. 2

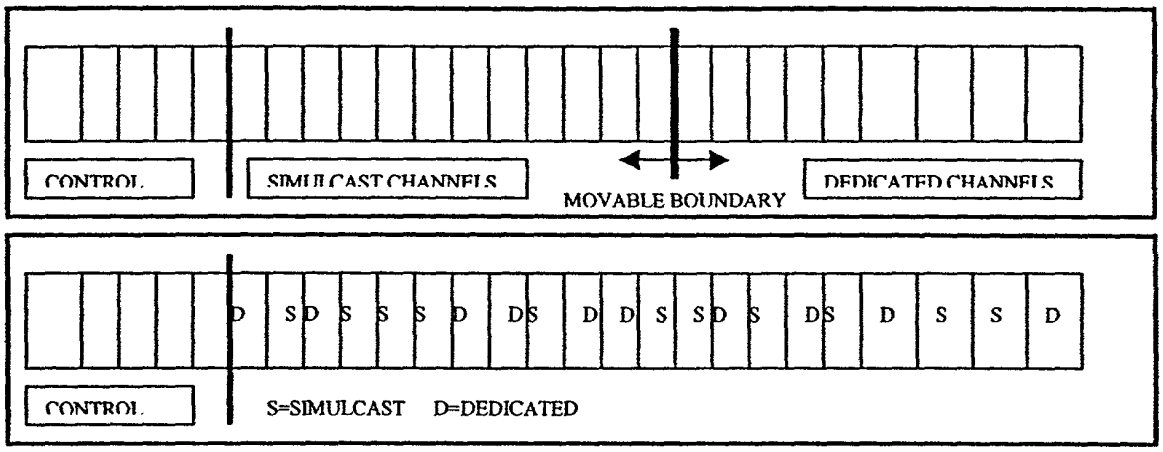
CONTROL
SIMULCAST CHANNELS
MOVABLE BOUNDARY
DEDICATED CHANNELS
D S D S S S D D S D D S S D S D S D S D
CONTROL
S=SIMULCAST D=DEDICATED

Fig. 3

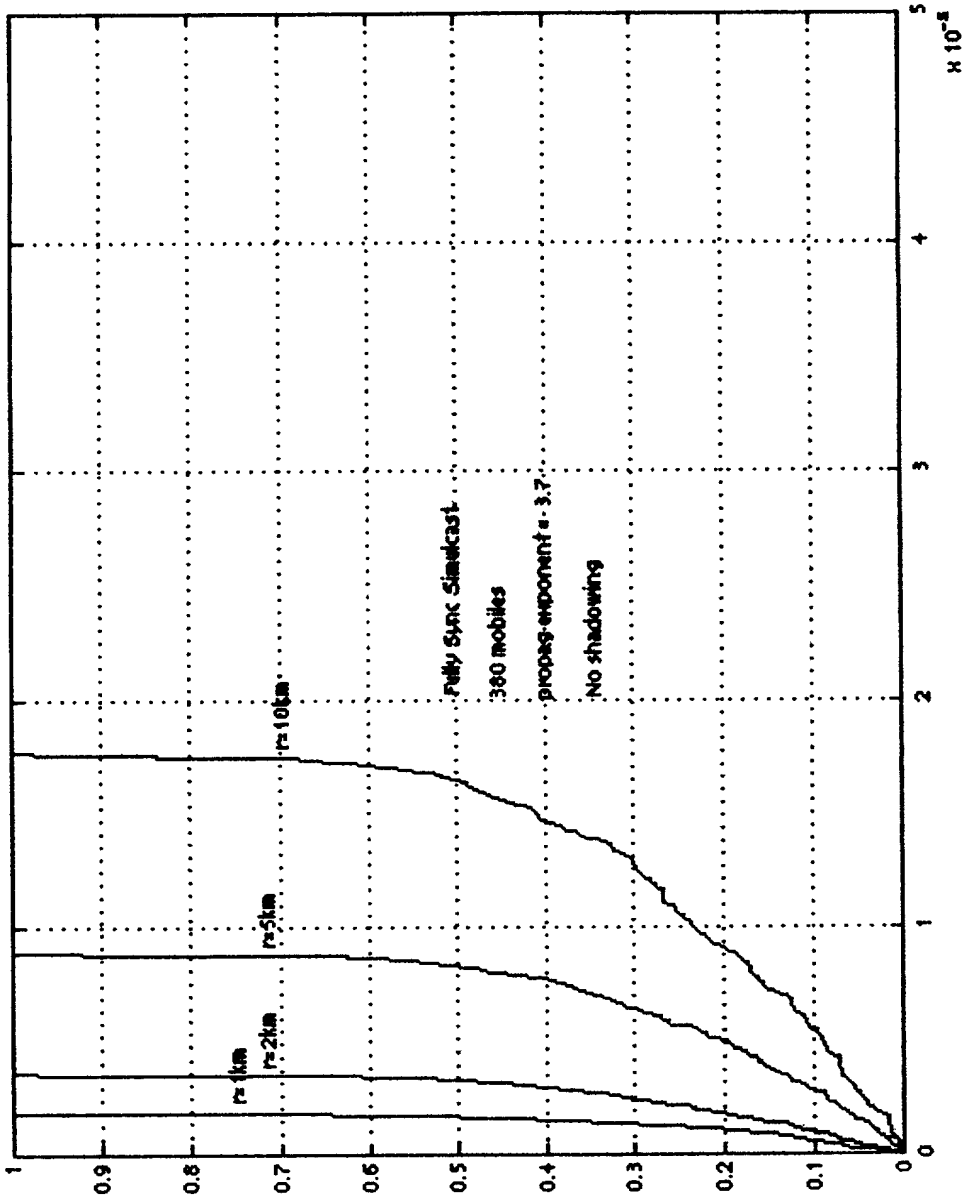
r=10km
r=5km
r=2km
r=1km
Fully Sync Slewcast
360 mobiles
propag-exponent = 3.7
No shadowing
x 10^-8
0
1
2
3
4
5
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1

FIG. 4

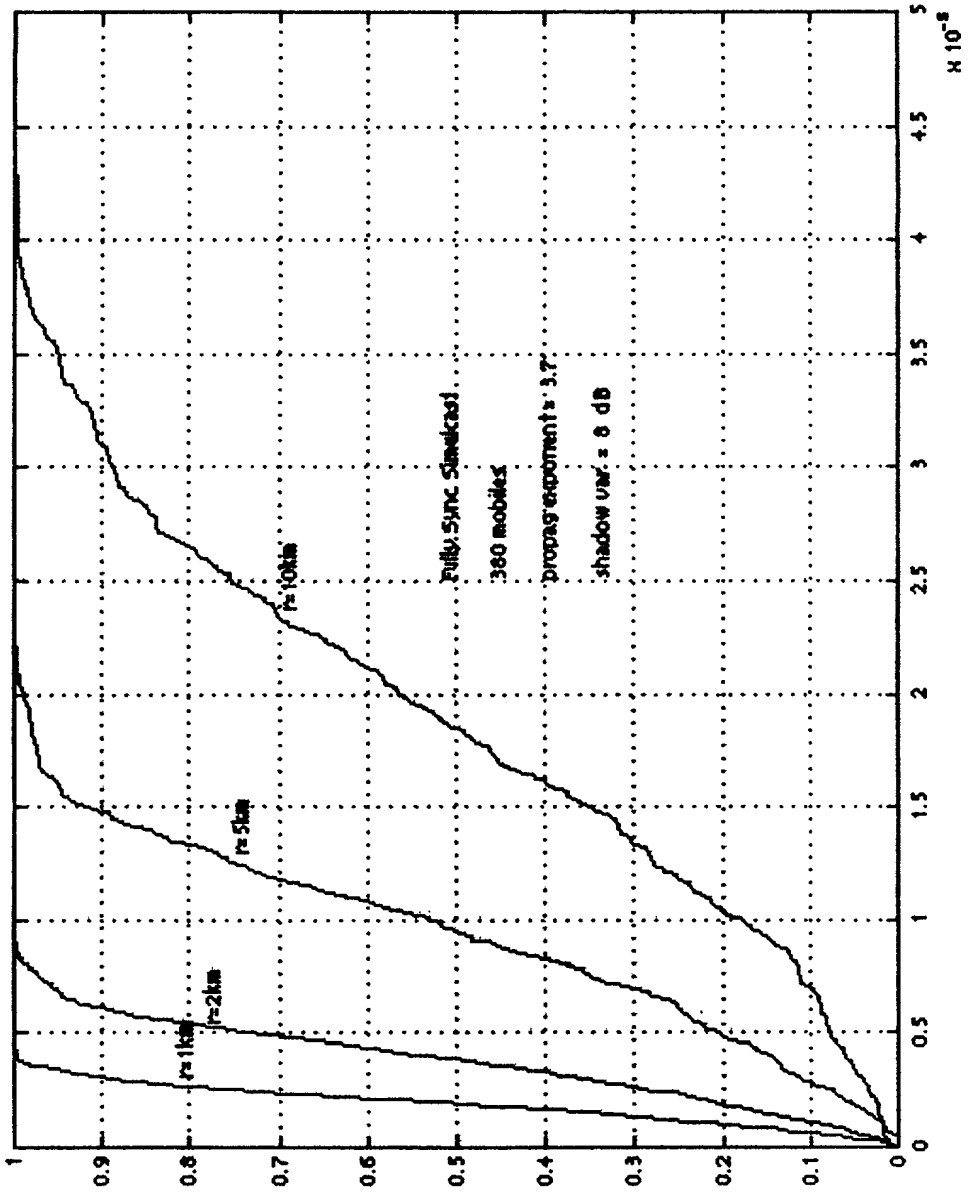
r= 10km
r= 5km
r=2km
r= 1km
Fully Sync Simulcast
360 mobiles
propagation n = 3.7
shadow var. = 8 dB
x 10^-8

FIG. 5

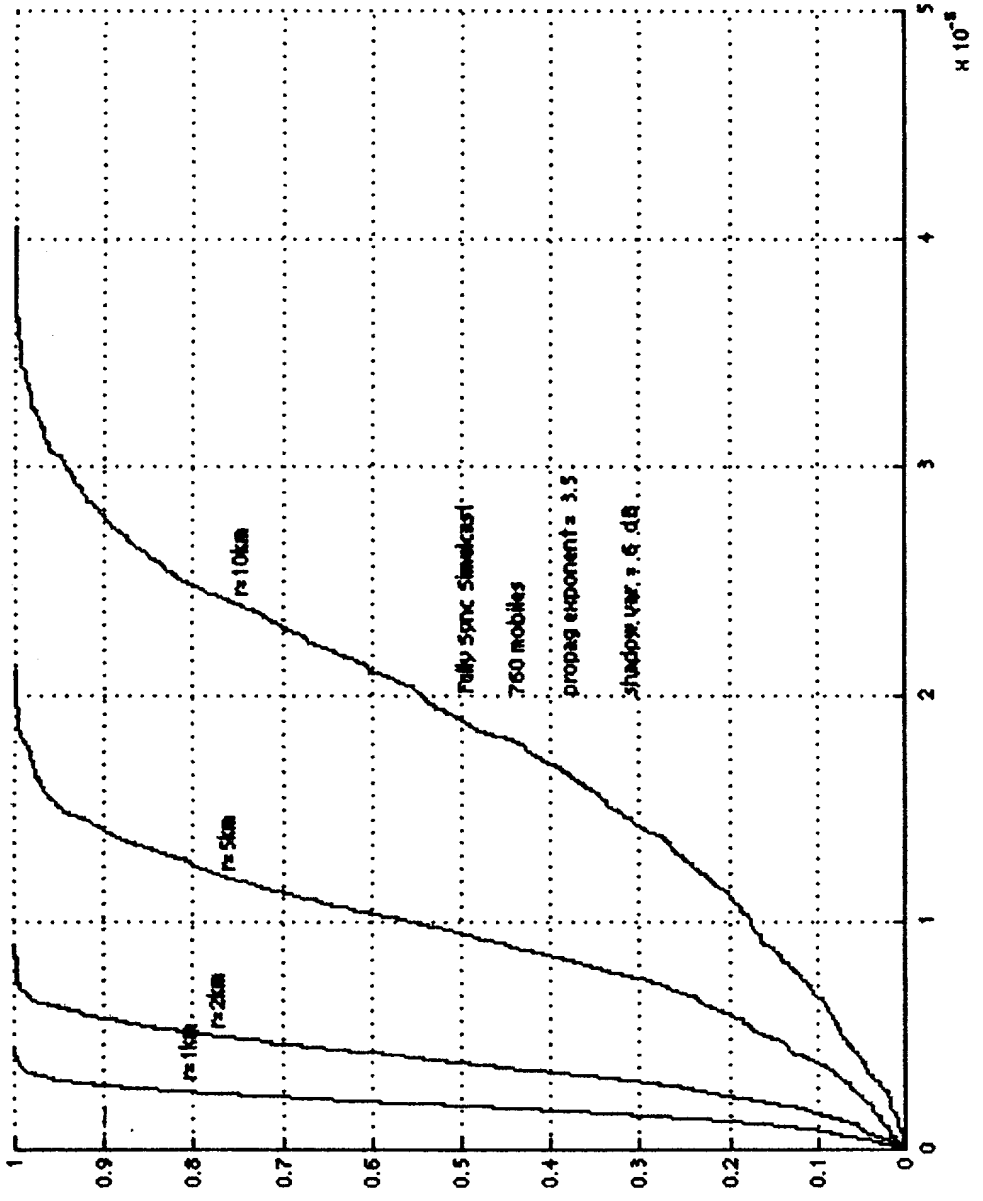
r=1km
r=2km
r=5km
r=10km
Fully Sync Simulcast
760 mobiles
propag exponent = 3.5
shadow var = 7.6 dB
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
1
2
3
4
5
X 10^-5

FIG. 6